

**EUROPEAN CURRICULUM  
VITAE FORMAT**



**PERSONAL INFORMATION**

Name **MANCINI ANNA**  
Address **8, VIA FRASCATI-COLONNA, 00077 MONTE COMPATRI (RM), ITALY**  
Telephone **+39 3460242454**  
Fax  
E-mail **anna.mancini@fanistar.com**  
  
Nationality **Italian**  
Date of birth **08/08/1994**

**EDUCATION AND TRAINING**

- Dates April 2024 – July 2024
- Name and type of organisation providing education and training Visiting scholar at HUN-REN Centre for Economic and Regional Studies, Budapest, HU
- Principal subjects/occupational skills covered Analysis and reconstruction of Hungarian VAT transaction networks
  
- Dates 2021 – present
- Name and type of organisation providing education and training University of Rome “Tor Vergata”, Centro Ricerche Enrico Fermi
- Principal subjects/occupational skills covered Complex systems, opinion dynamics, stochastic processes, big data, network reconstruction
- Title of qualification to be awarded PhD in Physics, at present PhD student, III year
  
- Level in national or international classification PhD
  
- Dates 2018 – 2021
- Name and type of organisation providing education and training University of Rome “Tor Vergata”
- Principal subjects/occupational skills covered Physics, curriculum in electronics and cybernetics
- Principal subjects of study: quantum mechanics, calculus, structure of matter, electronics, data analysis (python programming, machine learning), complex systems
  
- Title of qualification awarded Master’s degree in Physics, score 110/110 *cum laude*
  
- Level in national or international classification Master’s degree
- Average of exam grades 29,95

• Number of exams <i>cum laude</i>	6
• Dates	2015 – 2018
• Name and type of organisation providing education and training	University of Rome “La Sapienza”
• Principal subjects/occupational skills covered	Physics  Principal subjects of study: quantum mechanics, calculus, structure of matter, analytical mechanics, electromagnetism, quantum cryptography
• Title of qualification awarded	Bachelor’s degree in Physics, score of 107/110
• Level in national or international classification	Bachelor’s degree
• Average of exam grades	27,19
• Number of exams <i>cum laude</i>	0
• Dates	2013 – 2015
• Name and type of organisation providing education and training	University of Rome “La Sapienza”
• Principal subjects/occupational skills covered	Aerospace engineering  Principal subjects of study: calculus, mechanics, thermal physics
• Title of qualification awarded	Qualification not achieved (faculty change)
• Dates	2008 - 2013
• Name and type of organisation providing education and training	Liceo Scientifico “Bruno Touschek” of Grottaferrata (RM)
• Principal subjects/occupational skills covered	Scientific studies, experimental bilingual section  Principal subjects of study: mathematics, Latin, Italian, physics, history, philosophy, English, French
• Title of qualification awarded	High school diploma, grade 100/100
• Level in national or international classification	High school diploma

## PERSONAL SKILLS AND COMPETENCES

*Acquired in the course of life and career  
but not necessarily covered by formal  
certificates and diplomas.*

### MOTHER TONGUE

**Italian**

### OTHER LANGUAGES

- |                  |                |
|------------------|----------------|
|                  | <b>English</b> |
| • Reading skills | Excellent (C2) |
| • Writing skills | Excellent (C2) |
| • Verbal skills  | Excellent (C2) |

- |                  |               |
|------------------|---------------|
|                  | <b>French</b> |
| • Reading skills | Basic (B1)    |
| • Writing skills | Basic (B1)    |
| • Verbal skills  | Basic (B1)    |

## ANNEXES

### OTHER ROLES

- |  |           |
|--|-----------|
| • Vice president of the EPS Young Minds section of Rome, “Young Minds of Via Panisperna” | 2024-2025 |
|--|-----------|

### CONFERENCE PRESENTATIONS

- |   |  |
|---|--|
| • NetsciX 2022  | Online, February 8-11, 2022            |
| • Italian Regional Conference on Complex Systems (CCS/Italy 2022)     | Online, May 25, 2022                   |
| • Complenet 2022  | Online, May 30–June 1, 2022            |
| • CCS 2022  | Palma de Mallorca, October 17-21, 2022 |
| • Workshop on Social Network Dynamics and Impact on Financial Markets | IMT Lucca, January 26-27, 2023         |
| • Netsci 2023   | Vienna, July 10-14, 2023               |
| • NetsciX 2024  | Venice, January 22-25, 2024            |
| • CCS 2024  | Exeter, September 2-6, 2024            |

## PUBLISHED WORKS

- Mancini, Anna & Desiderio, Antonio & Di Clemente, Riccardo & Cimini, Giulio. Self-induced consensus of Reddit users to characterise the GameStop short squeeze. *Sci Rep* **12**, 13780 (2022). <https://doi.org/10.1038/s41598-022-17925-2>
- Desiderio, Antonio & Mancini, Anna & Cimini, Giulio & Di Clemente, Riccardo. (2023). Highly engaging events reveal semantic and temporal compression in online community discourse.
- Palermo, Giovanni & Mancini, Anna & Desiderio, Antonio & Di Clemente, Riccardo & Cimini, Giulio. (2023). Spontaneous Opinion Swings in the Voter Model with Latency.
- Mancini, Anna & Desiderio, Antonio & Palermo, Giovanni & Di Clemente, Riccardo & Cimini, Giulio. (2024). The rise and fall of WallStreetBets: social roles and opinion leaders across the GameStop saga.

*I authorize the processing of my personal data in accordance with Law 196/03*